

DGS Installed a Sustainable Waste-to-Energy Cogeneration Facility at Back River WWTP



In 2008, the Department of General Services (DGS), then the bureau of general services, spearheaded the installation of a new waste-to-energy cogeneration facility at the Department of Public Works' Back River Wastewater Treatment Plant. This power plant converts the digester gas produced there into electricity and steam for use at the plant. One of the many benefits of converting waste to energy is that it saves on energy costs, 20% for the City. It also produces renewable energy credits (REC's) or green tags which can be sold to electric suppliers. The City was able to do this for the first time in 2009 when it sold 4,000 REC's for \$38,000. DGS Energy also facilitated a landfill gas-to-energy project for the DPW Quarantine Road Landfill. This agreement allows the sale of gas from the landfill to the nearby U.S. Coast Guard yard for use in its cogeneration power plant. These are just a few of the many sustainable, energy and cost efficient projects being done by the DGS Energy Division.

For more information visit us on the web at www.BaltimoreCity.gov and click on "energy resources."

